


Sheet 1 of 1								INFORMATION DISCLOSURE STATEMENT							
FORM PTO 1449 (modified)								ATTY DOCKET NO. 2000_1328				SERIAL NO. 09/672,946			
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE								APPLICANT Mitsuaki OSHIMA et al.							
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)								FILING DATE September 29, 2000				GROUP 2634			
Date Submitted to PTO: April 14, 2005								U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE								
	AA														
	AB														
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO								
	AJ														
	AK														
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	AN														
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)															
DHA	AO	J. A. C. Bingham, "Multicarrier Modulation for Data Transmission: An Idea Whose Time Has Come", IEEE Communications Magazine, Vol. 28, May 1990, pages 5-8 and 11-14													
DHA	AP	B. Hirosaki, "An Orthogonally Multiplexed QAM System Using the Discrete Fourier Transform", IEEE Transactions on Communications, Vol. Com-29, No. 7, July 1981, pages 982-989													
DHA	AQ	L. J. Cimini, Jr., "Analysis and Simulation of a Digital Mobile Channel Using Orthogonal Frequency Division Multiplexing", IEEE Transactions on Communications, Vol. Com-33, No. 7, July 1985, pages 665-675 and Annex													
EXAMINER <i>Dan Lulla</i>				DATE CONSIDERED <i>08/16/05</i>											

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include cop. this form with next communication to applicant.

Sheet 1 of 2		INFORMATION DISCLOSURE STATEMENT					
FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)			ATTY DOCKET NO. 2000_1328		SERIAL NO. 09/672,946		
Date Submitted to PTO: March 21, 2005			APPLICANT Mitsuaki OSHIMA et al.			GROUP 2634	
			FILING DATE September 29, 2000				
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DH	AA	3,824,548	7-16-74	Sullivan et al.	—	—	—
	AB	3,959,726	5-25-76	Hinoshita et al.	—	—	—
	AC	4,303,939	12-1-81	Stephens et al.	—	—	—
	AD	4,303,941	12-1-81	Marti et al.	—	—	—
	AE	4,309,726	1-5-82	Tanaka et al.	—	—	—
	AF	4,535,352	8-85	Haskell	—	—	—
	AG	4,564,858	1-14-86	Resch	—	—	—
	AH	4,581,639	4-8-86	Judge	—	—	—
	AI	4,769,819	9-6-88	Matsutani et al.	—	—	—
	AJ	4,794,447	12-27-88	Tsinberg	—	—	—
	AK	4,817,192	3-28-89	Phillips et al.	—	—	—
	AL	5,029,003	7-91	Jonnalagadda	—	—	—
	AM	5,134,464	7-28-92	Basile et al.	—	—	—
	AN	5,400,084	3-21-95	Scarpa	—	—	—
DH	AO	4,800,426	1-24-89	Glenn	—	—	—
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
DH	AP	3-48587	3-1-91	Japan	—	—	abstract
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
DH	AQ	Masafumi SAITO et al., "Bit Error Rate Characteristics of OFDM in Multipath Environment", 1991					
DH	AR	Ryutaro OHMOTO et al., " $\pi/4$ -shift QPSK Subcarrier Transmission", 1991					
EXAMINER <i>[Signature]</i>				DATE CONSIDERED 08/16/05			

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Mitsuaki OSHIMA et al.FILING DATE
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2634

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DA	AA	5,007,088	4-9-91	Ooi et al.	—	—	—
	AB	5,377,051	12-27-94	Lane et al.	—	—	—
	AC	5,576,902	11-19-96	Lane et al.	—	—	—
	AD	5,218,622	6-8-93	Fazel et al.	—	—	—
	AE	5,598,220	1-97	Citta et al.	—	—	—
	AF	5,802,241	9-1-98	Oshima	—	—	—
DA	AG	5,214,656	5-25-93	Chung et al.	—	—	—
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
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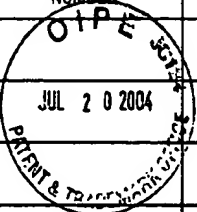
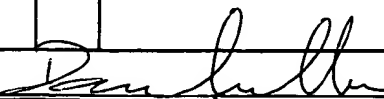
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Sheet 1 of 1							
FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Date Submitted to PTO: July 20, 2004	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 35%;">ATTY DOCKET NO. 2000_1328</td> <td style="width: 65%;">SERIAL NO. 09/672,946</td> </tr> <tr> <td colspan="2">APPLICANT Mitsuaki OSHIMA et al.</td> </tr> <tr> <td>FILING DATE September 29, 2000</td> <td>GROUP 2634</td> </tr> </table>	ATTY DOCKET NO. 2000_1328	SERIAL NO. 09/672,946	APPLICANT Mitsuaki OSHIMA et al.		FILING DATE September 29, 2000	GROUP 2634
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
DH	AJ	2-154583	6-13-90	Japan			abstract
	AK						
	AL						
	AM						
	AN						
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
DH	AO	Shigeki MORIYAMA et al., "Delay Propagation Characteristics at VHF and UHF bands in Urban Area", 1991 Spring National Convention Record, The Institute of Electronics, Information and Communication Engineers, Part 2, p. 406, March 15, 1991					
DH	AP	Yasuhiro ITO et al., "Adaptive Weighted Code Division Multiplexing (AW-CDM) Transmission System for Terrestrial Digital Television Broadcasting", ITE Technical Report Vol. 17, No. 13, pp 27-32, February 25, 1993					
	AQ						
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